



SEQUENCE LISTING
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<110> Haruo, Sugiyama

<120> Method of selecting patients suitable for WT1 vaccine

<130> 664590

<140> PCT/JP2004/009378

<141> 2004-06-25

<150> JP 2003-184436

<151> 2003-06-27

<150> JP 2004-070497

<151> 2004-03-12

<160> 22

<170> PatentIn Ver. 2.1

<210> 1

<211> 449

<212> PRT

<213> Homo sapiens

<400> 1

Met Gly Ser Asp Val Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro
1 5 10 15
Ser Leu Gly Gly Gly Gly Cys Ala Leu Pro Val Ser Gly Ala Ala
20 25 30
Gln Trp Ala Pro Val Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala Tyr
35 40 45
Gly Ser Leu Gly Gly Pro Ala Pro Pro Pro Ala Pro Pro Pro Pro
50 55 60
Pro Pro Pro Pro His Ser Phe Ile Lys Gln Glu Pro Ser Trp Gly Gly
65 70 75 80
Ala Glu Pro His Glu Glu Gln Cys Leu Ser Ala Phe Thr Val His Phe
85 90 95
Ser Gly Gln Phe Thr Gly Thr Ala Gly Ala Cys Arg Tyr Gly Pro Phe
100 105 110
Gly Pro Pro Pro Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe
115 120 125
Pro Asn Ala Pro Tyr Leu Pro Ser Cys Leu Glu Ser Gln Pro Ala Ile
130 135 140
Arg Asn Gln Gly Tyr Ser Thr Val Thr Phe Asp Gly Thr Pro Ser Tyr
145 150 155 160
Gly His Thr Pro Ser His His Ala Ala Gln Phe Pro Asn His Ser Phe
165 170 175
Lys His Glu Asp Pro Met Gly Gln Gln Gly Ser Leu Gly Glu Gln Gln
180 185 190
Tyr Ser Val Pro Pro Pro Val Tyr Gly Cys His Thr Pro Thr Asp Ser
195 200 205
Cys Thr Gly Ser Gln Ala Leu Leu Leu Arg Thr Pro Tyr Ser Ser Asp

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210	215	220
Asn Leu Tyr Gln Met Thr Ser Gln Leu Glu Cys Met Thr Trp Asn Gln		
225	230	235
Met Asn Leu Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser		
	245	250
Ser Val Lys Trp Thr Glu Gly Gln Ser Asn His Ser Thr Gly Tyr Glu		
	260	265
Ser Asp Asn His Thr Thr Pro Ile Leu Cys Gly Ala Gln Tyr Arg Ile		
	275	280
His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg Arg Val Pro		
	290	295
Gly Val Ala Pro Thr Leu Val Arg Ser Ala Ser Glu Thr Ser Glu Lys		
	300	305
Arg Pro Phe Met Cys Ala Tyr Pro Gly Cys Asn Lys Arg Tyr Phe Lys		
	310	315
Leu Ser His Leu Gln Met His Ser Arg Lys His Thr Gly Glu Lys Pro		
	325	330
Tyr Gln Cys Asp Phe Lys Asp Cys Glu Arg Arg Phe Ser Arg Ser Asp		
	335	340
Gln Leu Lys Arg His Gln Arg Arg His Thr Gly Val Lys Pro Phe Gln		
	345	350
Cys Lys Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His Leu Lys Thr		
	355	360
His Thr Arg Thr His Thr Gly Lys Thr Ser Glu Lys Pro Phe Ser Cys		
	365	370
Arg Trp Pro Ser Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val		
	375	380
Arg His His Asn Met His Gln Arg Asn Met Thr Lys Leu Gln Leu Ala		
	385	390
	395	400
	405	410
	415	420
	425	430
	435	440
	445	

Leu

<210> 2
 <211> 9
 <212> PRT
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence:Synthetic Peptide

<400> 2
 Cys Met Thr Trp Asn Gln Met Asn Leu
 1 5

<210> 3
 <211> 9
 <212> PRT
 <213> Artificial Sequence
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 <223> Description of Artificial Sequence:Synthetic Peptide

SEQUENCE LISTING

<400> 3

Cys Tyr Thr Trp Asn Gln Met Asn Leu
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<210> 4

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Synthetic Peptide

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Arg Met Phe Pro Asn Ala Pro Tyr Leu
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<210> 5

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Synthetic Peptide

<400> 5

Arg Tyr Pro Ser Cys Gln Lys Lys Phe
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<210> 6

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Synthetic Peptide

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Ser Tyr Thr Trp Asn Gln Met Asn Leu
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<210> 7

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Synthetic Peptide

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Ala Tyr Thr Trp Asn Gln Met Asn Leu
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<210> 8

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Synthetic Peptide

<223> Xaa at 1 position stands for Abu.

<400> 8

Xaa Tyr Thr Trp Asn Gln Met Asn Leu

SEQUENCE LISTING

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<210> 9
 <211> 9
 <212> PRT
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<400> 9
 Arg Tyr Thr Trp Asn Gln Met Asn Leu
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<210> 10
 <211> 9
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<210> 11
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<400> 11
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<210> 12
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<210> 13
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 <212> PRT
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<400> 13
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SEQUENCE LISTING

<210> 14
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 <212> PRT
 <213> Artificial Sequence
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<400> 14
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<210> 15
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 <212> PRT
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 <223> Description of Artificial Sequence:Synthetic Peptide

<400> 15
 Arg Val Pro Gly Val Ala Pro Thr Leu
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<210> 16
 <211> 9
 <212> PRT
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<400> 16
 Arg Tyr Pro Ser Ser Gln Lys Lys Phe
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<210> 17
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 <212> PRT
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 <223> Description of Artificial Sequence:Synthetic Peptide

<400> 17
 Arg Tyr Pro Ser Ala Gln Lys Lys Phe
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<210> 18
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 <212> PRT
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence:Synthetic Peptide
 <223> Xaa at 5 position stands for Abu.

<400> 18
 Arg Tyr Pro Ser Xaa Gln Lys Lys Phe
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<210> 19
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SEQUENCE LISTING

<212> DNA
 <213> Artificial Sequence
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 <223> Description of Artificial Sequence:PCR Primer
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<210> 20
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 <212> DNA
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 <223> Description of Artificial Sequence:PCR Primer
 <400> 20
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<210> 21
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 <212> DNA
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 <400> 21
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<210> 22
 <211> 30
 <212> DNA
 <213> Artificial Sequence
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 <223> Description of Artificial Sequence:PCR Primer
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 ggatccttac atgtctcgat cccacttaac 30